

# Look Ahead to NGAC 2022

*NGAC Meeting  
December 8, 2021*



# NGAC Accomplishments in 2021

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## Landsat Advisory Group

- April 2021: The NGAC adopted the paper, “Formulating a Big Data Science Challenge for Land Imaging Time-Series Data”
- April 2021: The NGAC adopted the paper, “Revisiting the Land Remote Sensing Policy Act of 1992”

## P3/Stakeholder Engagement Subcommittees

- October 2021: Began developing recommendations for a national governance strategy, including a strategic statement, a pilot plan, and a communications approach to involve the whole stakeholder community.

## GDA Reporting Subcommittee

- April 2021: The NGAC adopted the paper, “NGAC Comments on the FY 2020 FGDC Summary of GDA Annual Reports”, developed by the GDA Reporting Subcommittee.

## Climate Report

- April, June, and October 2021 NGAC meetings: Extended sessions to provide input in the development of the FGDC report, *Advancing the Nation’s Geospatial Capabilities to Promote Federal, State, Local, and Tribal Climate Planning and Resilience*.
- October 2021: NGAC adopted a resolution supporting the recommendations in the FGDC climate mapping report and recommending an immediate roll out of pilots, prototyping, and exploratory activities that complement and supplement the 120-day review described in the report.

# Ongoing NGAC Subcommittees

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## **Landsat Advisory Group**

- Role: Ongoing advice & recommendations on Landsat program

## **GDA Reporting Team**

- Role: Coordinate NGAC's statutory role in the GDA reporting process. Develop NGAC comments on annual GDA report summaries

## **3DEP Subcommittee**

- Role: Conduct assessment of trends and developments in 3D elevation data; assess effectiveness, management, and implementation of the 3DEP Program
- Established through National Landslides Preparedness Act (NLPA) - P.L. 116-323

# Current NGAC Subcommittees

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## **P3/Stakeholder Engagement Subcommittees**

- P3 Role: Monitor existing partnership use cases, document additional P3s and other innovative geospatial partnerships, and communicate the value of additional geospatial P3s and innovative partnerships
- Stakeholder Engagement Role: Explore options and make recommendations on how FGDC might significantly expand stakeholder engagement at all levels to further advance the NSDI.

## **NSDI Subcommittee**

- Role: Advice & recommendations on implementation of NSDI strategic plan (*currently on hiatus*)

# Potential 2022 Study Topics

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- **Resurrect the NAD and NPD** (*Newly Proposed*)
- **Climate Change and Geospatial Information** (*Newly Proposed*)
- **Privacy, Protection of PII, and Geospatial Data** (*Newly Proposed*)
- **Cross-Agency Collaboration on National Geospatial Activities** (*Newly Proposed*)
- **Education and Workforce** (*Newly Proposed*)
  
- **Leveraging AI/ML to Advance the NSDI** (*2020 Topic*)
- **2022 National Spatial Reference System Modernization** (*2020 Topic*)
- **The Power of Geospatial in Context** (*2020 Topic*)
- **US Geospatial Strategy on the Global Front** (*2020 Topic*)

# NGAC Study Topics – Newly Proposed

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## **Resurrect the NAD and NPD**

- Resurrect the National Address Database and the National Parcel Database – Identify why these two ideas have not been successful and determine a path forward. These two data assets are core to solving national problems that have hampered the U.S. beginning with an effective COVID response, broadband access, climate change impacts and preventative planning, insufficient housing, etc.

## **Climate Change and Geospatial Information**

- Determine if additional geospatial data and other data types are needed to plan, address, and respond to climate change with input from all levels of government and a focus on local implementation.

# NGAC Study Topics – Newly Proposed

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## Privacy and Geospatial Data

- Privacy concerns hampered an effective COVID strategy. Other uses of geospatial data also are impacted by privacy concerns. Identify which types of geospatial data are affected, indicate in what ways they are affected, and begin to formulate arguments for further debate and consideration.
- Consider in relation to Open, Public, Electronic and Necessary (OPEN) Government Data Act

# NGAC Study Topics – Newly Proposed

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## **Cross-Agency Collaboration on National Geospatial Activities**

- National efforts at creating, maintaining, managing and delivering geospatial information remains largely siloed primarily due to the mission driven nature of federal departments and agencies as well as a budget process that does not sufficiently encourage collaboration across missions, departments and agencies. Develop criteria for a model that allows for effective cross-agency collaboration on geospatial activities of national importance.
- The FGDC is limited in its ability to address the siloed approach of governance of national geospatial programs. It is further limited by its stature within government. Evaluate the benefits and challenges of a governance model currently applied in the United Kingdom via the UK Geospatial Commission to determine if the U.S. would benefit from such a model or a variation of the model.

# Discussion – Potential 2022 NGAC Study Topics

Current (5)	2022 New Starts (1-2?)	Potential Topics
<ul style="list-style-type: none"> <li>• Landsat Advisory Group</li> <li>• GDA Reporting</li> <li>• 3DEP</li> <li>• P3/Stakeholder Engagement</li> <li>• NSDI Strategic Plan</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Subcommittee Topics:</b></li> <li>• 1</li> <li>• 2</li>   <li>• <b>Possible NGAC Meeting Topics:</b></li> <li>• 1</li> <li>• 2</li> </ul>	<ul style="list-style-type: none"> <li>• Resurrect the NAD and NDP</li> <li>• Climate Change and Geospatial Information</li> <li>• Privacy and Geospatial Information</li> <li>• Cross-Agency Collaboration on National Geospatial Activities</li>   <li>• AI/ML</li> <li>• 2022 Datum Modernization</li> <li>• Power of Geospatial in Context</li> <li>• U.S. Geospatial Strategy on Global Front</li> </ul>

# Next Steps

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## **January/February:**

- NGAC/FGDC leadership refine & finalize study topics
- Orientation for new NGAC members
- Request to NGAC members for first & second choices for subcommittee assignments
- Finalize subcommittee assignments and leadership to ensure appropriate balance & representation on all groups